



# Significant ntial

Issued: Monday, Apr 24, 2006

## Significant Weather Triggers

**⚡** Lightning - LALs of 3 or higher.

**WD** Windy & Dry - Sustained winds of 20 mph or greater with humidity 15% or less.

**HD** Hot & Dry - Temperatures much above seasonal normals with humidity 15% or less.

## "High Risk" Days

**■** The combination of either "Dry" or "Very Dry" Fuel dryness along with a Significant Weather Trigger.

## Predictive Service Areas

|                                | Mon<br>Apr 24 | Tue<br>Apr 25 | Wed<br>Apr 26 | Thu<br>Apr 27 | Fri<br>Apr 28 | Sat<br>Apr 29 | Sun<br>Apr 30 |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SW01 Northwest AZ              |               |               |               |               |               |               |               |
| SW02 West-Central AZ           |               |               |               |               |               |               |               |
| SW03 Southwest AZ              |               |               |               |               |               |               |               |
| SW04 Four Corners Area         |               |               |               |               |               |               |               |
| SW05 Western Mogollon Rim      |               |               |               |               |               |               |               |
| SW06N Central AZ/Phoenix Metro |               |               |               |               |               |               |               |
| SW06S Southeast AZ             |               |               | WD            | WD            |               |               |               |
| SW07 Northwest NM Mtns.        |               |               |               |               |               |               |               |
| SW08 White Mtns. & Gila Region |               |               | WD            | WD            |               |               |               |
| SW09 South/Cntrl. NM Lowlands  |               |               |               |               |               |               |               |
| SW10 Sangre de Cristo Mtns.    |               |               |               |               |               |               |               |
| SW11 Central NM Mtns. & Plains |               |               |               |               |               |               |               |
| SW12 South-Central NM Mtns.    | WD            |               |               |               |               |               |               |
| SW13 Northeast NM/NW TX        |               |               |               |               |               |               |               |
| SW14N Southeast NM/West TX     | WD            |               |               |               |               |               |               |
| SW14S Southwest TX/Big Bend    |               |               |               |               |               |               |               |

## Weather Synopsis:

Strong winds and low humidity will continue on Monday across parts of southern New Mexico into far southwest Texas as the northern Great Basin storm system advances further north and east away from the region. Red flag warnings have been issued for areas of southern New Mexico into southwest Texas as a result for Monday. A strong cold front will surge south and west across the eastern plains late tonight into Tuesday, bringing cooler temps and increasing humidity values as far west as the Rio Grande valley. Another Pacific system will begin to cross the region by Wed/Thu bringing areas of strong southerly/southwesterly winds and low humidity along with areas of increasing clouds. This will also lead to thunderstorms across the east, and could produce some lightning and/or light precipitation as far west as eastern Arizona and western New Mexico.

## Fire Potential Discussion:

Due to drying fuels, moderate threat conditions now extened across most of the area, with low threat conditions constrained to parts of central and northern Arizona. Only the higher elevations of northwest Arizona continue to show consistently moist fuel conditions. Drying will continue

[.PDF Version](#)

**NOTICE:** Forecasts for the following PSA's may be unavailable or unrepresentative of actual conditions due to missing observations from the stations listed:

|                      |
|----------------------|
| <b>SW01</b>          |
| <b>Dry Park</b>      |
| <b>Frazier Wells</b> |
| <b>SW04</b>          |
| <b>Albino</b>        |
| <b>SW06S</b>         |
| <b>Muleshoe</b>      |
| <b>SW10</b>          |
| <b>Truchas</b>       |
| <b>Pecos</b>         |
| <b>SW14N</b>         |
| <b>Batdraw</b>       |

spreading gradually north and west through much of the coming week, as little or no rainfall is expected until possibly the end of the 7-day period. High risk days for large fire activity are expected in these areas on days when windy & dry conditions are expected (per the red "WD" on the chart above). A mosaic of greenup over parts of southern Arizona, southern New Mexico and adjacent west Texas will be a LOCALLY mitigating factor for significant fire potential in those areas.

**Resources:**

**Southwest Area Preparedness Level is 3\*** - Should ignitions in the grass/brush and low elevation timber fuels take off, additional resources will be needed for initial attack purposes, primarily engines from within the zone of protection, and air resources from outside the Zone. Air tankers (3 in NM and 2 in AZ) are available for initial attack at any time. SEATS (1 in NM and 9 in AZ) are available. Four exclusive use Type 3 (2 in NM and 2 in AZ) helicopters and one CWN Type 1 (1 in NM) listed as available for use anywhere in the Area. Four exclusive use (1 Type 1 and 2 Type 3) are currently committed. Type 1 crews are available this morning (3 in NM, 1 in AZ), while all other Type 1 crews are committed to incidents in the SWA or Out of Area. Moderate to high potential for use of T1 crews over the next five day period. Six Incident Management Teams available in the Area. Moderate to high probability IMT's may be called out for fires in grass/brush, low-elevation timber areas below 8,000 feet.. \*(PL-3: Numerous Zones in high or greater fire danger, Areawide ERC between 46-59, Predictive Services indicates 6-9 PSA's in high-extreme, potential for large fires greater than one burning period and growing to Class D size.)

[Click here for 7 day ERC, F10, and F100 projections](#)

[Click here for 7 day Temperature & RH projections](#)